

**TERMINAL AGENT REPRESENTING WIRELESS TERMINALS
IN A VOICE OVER IP COMMUNICATION NETWORK**

ABSTRACT

[0044] A terminal agent (34) for interfacing a wireless terminal (26) with an IP network (12). The terminal agent (34) includes a Radio Base Station (40) for providing radio service to the wireless terminal (26) and a Radio Network Server (42) for control and signal processing. A Network Access Controller (44) provides for registration functions conversion of signals between wireless protocol and IP protocol for facilitating transmission of the signals in both the wireless and IP environments. In this way, the terminal agent (34) is able to provide service to the wireless terminal (26) as if it were a terminal of the IP network (12).

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